Stanford



Riley Juenemann

Ph.D. Student in Computational and Mathematical Engineering, admitted Autumn 2021

Bio

BIO

Third-year Computational and Mathematical Engineering (ICME) PhD Candidate @ Stanford University passionate about research at the intersection of mathematics, computing, and biology.

LINKS

- https://rjuenemann.github.io/: https://rjuenemann.github.io/
- LinkedIn: https://www.linkedin.com/in/rjuenemann/

Publications

PUBLICATIONS

- **The EcoCyc database (2025).** *EcoSal Plus*
  Karp, P. D., Paley, S., Caspi, R., Kothari, A., Krummenacker, M., Midford, P. E., Moore, L. R., Subhraveti, P., Gama-Castro, S., Tierrafria, V. H., Lara, P., Muñiz-Rascado, L., Bonavides-Martinez, et al
  2025: eesp00192024

- **Topological Data Analysis Approaches to Uncovering the Timing of Ring Structure Onset in Filamentous Networks** *BULLETIN OF MATHEMATICAL BIOLOGY*
  Ciocanel, M., Juenemann, R., Dawes, A. T., McKinley, S. A.
  2021; 83 (3): 21